

JUSTIFICATION FOR OTHER THAN FULL AND OPEN COMPETITION OVER \$100,000

1. This document is a justification for other than full and open competition prepared by the NASA, John F. Kennedy Space Center.
2. The nature and/or description of the action being approved: This justification provides the rationale for contracting by other than full and open competition for the acquisition of design support, prototype hardware, and existing design materials from Madison Robotics for the development of the Next Generation Commercial Plant Biotechnology Facility (NGCPBF) for flight to and use on the International Space Station.
3. Description of the supplies or services required (including the estimated value):
 - Design support for the NGCPBF based on existing CPBF design efforts
 - Prototype hardware developed by Madison Robotics in support of the NGCPBF design effort
 - Estimated value of all of the support from the contractor is [REDACTED]
 - 1) Existing CAD drawings and models developed by Madison Robotics for NGCPBF
 - 2) Existing proprietary analysis developed by Madison Robotics for the NGCPBF
 - 3) Existing CPBF ground development hardware owned by Madison Robotics
 - 4) Extensive proprietary knowledge, skills, and experience in the development of CPBF hardware, systems, and processes
4. Statutory authority permitting other than full and open competition: FAR 13.106-1(b) and 13.106-3(b)(3)(i).
5. A demonstration that the proposed contractor's unique qualifications or the nature of the acquisition requires use of the authority cited:
 - The contractor has developed design drawings and analysis for the development of the NGCPBF
 - The contractor possesses prototype NGCPBF ground development hardware
 - The contractor possesses prototype NGCPBF flight hardware components
 - The contractor has specific design analysis and information specific to the development of the NGCPBF
6. Description of the efforts made to ensure that offers are solicited from as many potential sources as practicable: A notice was or will be publicized in NAIS/EPS and FBO as required by Subpart 5.2
7. Determination by the Contracting Officer that the anticipated cost to the Government will be fair and reasonable: A detailed cost breakdown will be submitted and reviewed by the Contracting Officer. Cost data may be required if necessary.
8. Description of the market survey conducted and the results, or a statement of the reasons a market survey was not conducted: See Items 3 and 5 above,

9. Other facts supporting the use of other than full and open competition, such as: The technical data, hardware, and knowledge that the contractor possesses is unique to the NGCPBF design and development effort. It is specific to the intended development and has not been developed other places. The data the government intends to use is proprietary contractor information and will be protected per Space Act Agreement KCA-9007.

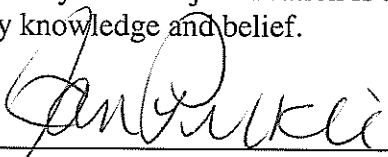
10. A listing of sources, if any, that expressed in writing an interest in the acquisition: No other sources have express in writing an interest in the acquisition.

11. A statement of the actions, if any, the Agency may take to remove or overcome any barriers to competition before any subsequent acquisition for the supplies or services required:

Justification for Other than Full and Open Competition for Next Generation Commercial Plant Biotechnology Facility (NGCPBF) for flight to and use on the International Space Station.

Contracting Officer:

I certify that this justification is accurate and complete to the best of my knowledge and belief.



Jan Pirkle
Contracting Officer

8/18/11
(Date)